

July-23-12 2:42:28 PM

Item ID: D3975-041

Accept

N900040100

Setup Start *NS1*

Revision ID:

Item Name: Gas Cylinder Assembly, LH

Stop *NS2*

Start Date: 7/05/12 **Start Qty:** ~~4.00~~ ² ***4***

Cust Item ID:

Required Date: 8/10/12 **Req'd Qty:** 4.00 *** 1 ***

Customer:

Reference:

Approvals: Process Plan: MLJ Date: 12/07/24 Tooling: _____ Date: _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
D3975	B

110

0.00

110

Small Fab

Small Fab

Memo

apply decal as per dwg

0.00

120

QC5- Inspect part completeness to step on W/O

0.00

120

QC

Quality Control

Memo

0.00

130

Identify as per dwg & Stock Location: ST680

0.00

130

Packaging

Packaging

Memo

0.00

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data <input type="checkbox"/>											
Equip/Tooling <input type="checkbox"/>											
Operator <input type="checkbox"/>											
Material <input type="checkbox"/>											
Setup <input type="checkbox"/>											
Other <input type="checkbox"/>											
Process <input type="checkbox"/>											
Supplier <input type="checkbox"/>											
Training <input type="checkbox"/>											
Unapproved <input type="checkbox"/>											
FAULT CATEGORY											
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube			General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio			<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions			<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other		

Work Order ID 87621***87621***

Page 2

July-23-12 2:42:28 PM

Item ID: D3975-041

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Gas Cylinder Assembly, LH

Start Date: 7/05/12 Start Qty: 4.00

4

Cust Item ID:

Required Date: 8/10/12 Req'd Qty: 4.00

4

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

140

QC21- Final Inspection - Work Order Release

0.00

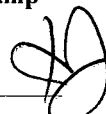
140

QC

Memo

0.00

Quality Control

12/10/22 

12-10-19

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>						
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Picklist Print

July-23-12 2:42:28 PM

Page 1

Work Order ID: 87621

Parent Item: D3975-041

Parent Item Name: Gas Cylinder Assembly, LH

Start Date: 7/05/12

Required Date: 8/10/12

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP RevA: New issue DD verified by:EC
ECN10-548 DD verf:EC

IPP Rev:B 10.05.27 as per

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3975-1 Gas Cylinder		Manufactured	No		B87274	110	Each	0.0000	1	4	5	(5) FF 12-10-10	
D3976-1 Decal		Manufactured	No			110	Each	6.0000	1	4	5	(5) FF 12-10-10	
				<u>Location</u>		<u>Loc Qty</u>	<u>Loc Code</u>						
				ST080		6							
				60430		2							
				72050		4							
								2					
								3					


NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

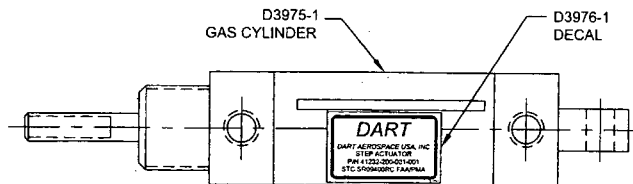
DQA: _____ Date: _____

QA Closed: _____ Date: _____

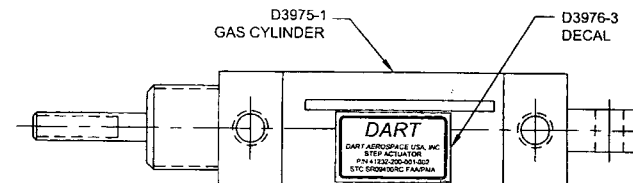
Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
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ITEM No.	QTY -041	QTY -042	PART NUMBER	DESCRIPTION
1	X		D3975-041	GAS CYLINDER ASSEMBLY (LH)
2		X	D3975-042	GAS CYLINDER ASSEMBLY (RH)
3	1	1	D3975-1	GAS CYLINDER
4	1		D3976-1	DECAL
5		1	D3976-3 	DECAL

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 87621 ML5
12/07/24








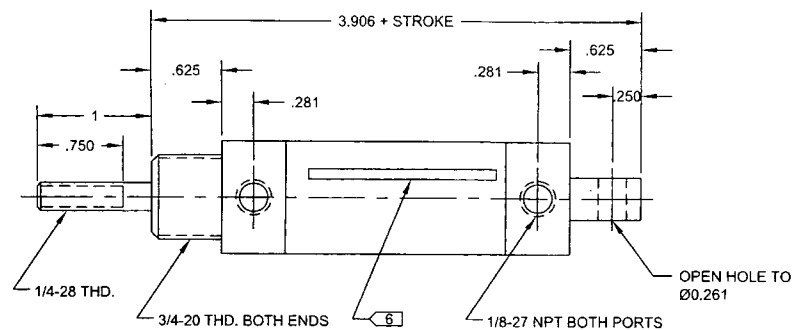
D3975-041 GAS CYLINDER ASSEMBLY



D3975-042 GAS CYLINDER ASSEMBLY

RELEASED
2010-05-20

B	CORRECTED TYPO: D3976-3 WAS D3975-3 (ZN D7-1).	MB	10.04.13
A	NEW ISSUE	AJS	09.07.09
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	DART AEROSPACE USA, INC	
DRAWN		PORT HADLOCK, WA	
CHECKED		DRAWING NO.	REV. B
MFG. APPR.		D3975	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		GAS CYLINDER ASSEMBLY	NTS
DATE	10.04.13	COPYRIGHT © 2009 BY DART AEROSPACE USA, INC THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR FOR ANY COMMERCIAL OR OTHER PURPOSE WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	



D3975-1 BRASS CYLINDER

NOTES:

- 1) MATERIAL: CROSS REFERENCE Era DRAWING 41232-200-007
PURCHASE P/N: HEAVY DUTY BRASS CYLINDER 7D1H
VENDOR: CLIPPARD INSTRUMENT LABORATORY, INC, CINCINNATI, OH.
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH Era P/N 41232-200-007-001 USING VIBRATING STYLUS
- 7) WEIGHT: 0.74 lbs APPROX
- 2) BORE: 0.875 INCHES
- 3) ROD: ROTATING.
- 4) 7D1H CONFIGURED WITH HYD. FLUID SEALS.
- 5) TEMPERATURE RANGE: 30° F TO 230° F.
- 6) MOUNT: UNIVERSAL MOUNT.
- 7) ACTION: DOUBLE ACTING.
- 8) STROKE: 1.000 INCH.
- 9) POWER FACTOR: 0.6 SQ. IN.
- 10) PORTS: 1/8 NPT.
- 11) ROD DIAMETER: 0.25 INCHES.
- 12) SINTERED BRONZE ROD BUSHING.
- 13) PRESSURE TEST: 2660 PSI (USE 5606 FLUID).

RELEASED
2010-05-20

DESIGN	745	DART AEROSPACE USA, INC	
DRAWN	8	PORT HADLOCK, WA	
CHECKED	8	DRAWING NO.	REV. B
MFG. APPR.	8	D3975	SHEET 2 OF 2
APPROVED	12	TITLE	SCALE
DE APPR.	12	GAS CYLINDER ASSEMBLY	NTS
DATE	10.04.13	<small>COPYRIGHT © 2009 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR CORRECT OR COMMANDED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.</small>	